

# Work Order ID 83155

**\*83155\***

Page 1

April-13-12 10:35:28 AM

Item ID: D412-742-013

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Float Skidtube Installation

Stop

**\*NS2\***

Start Date: 13/04/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 27/04/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12/04/13

Tooling:

Date:

Run Start

**\*NR1\***

QC: Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
IIN D412-742	E								
100		0.00							
<b>*100*</b>	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D412-742-013	CHG007							
110	Pick Kit	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
<b>*120*</b>									
QC	Memo	0.00							
Quality Control									

*Handwritten: JG Form 12-5-9*

*Handwritten: JB 8/10/15*

*Handwritten: 1 12/02/09 JB*

*Handwritten: 8/10/15*

*Handwritten: 10*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Item ID: D412-742-013

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Float Skidtube Installation

Stop **\*NS2\***

Start Date: 13/04/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 27/04/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***  
Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-013 Location: <u>73</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

1x

12-5-15

12/5/16

MR

12-05-16

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 83155

\*83155\*

Parent Item: D412-742-013

\*D412-742-013\*

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New Issue KJ/JLM  
 IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC  
 07-12-03 ECN 1072 DD verified by:JLM  
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC  
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add  
 AN4C7A DD 10.01.13 verified by:EC IPP RevG 11.11.01 as per  
 DSI9517 REV.B DD verified by:EC IPP rev:H 12.01.12 PER HN  
 REV.E DD VERF: IPP Rev:I add AN4C7A DD 12.03.14  
 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C47A *AN4C47A* Bolt		Purchased	No			110	Each	42.0000	4	4			
									**	12/5/05 JB			
				<u>Location</u>		<u>Loc Qty</u>				<u>Loc Code</u>			
				ST361		42							
				118451		6							
				119798		2							
				121009		34							
D412-742-043 *D412-742-043* Replacement Float Skidtube		Manufactured	No			110	Each	0.0000	1	1			
									**	B83157		12/05/09 JB	

W/O:		WORK ORDER CHANGES						
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: D412-742-013

**\*D412-742-013\***

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

D2571

Manufactured No

110

Each

24.0000

1

1

✓

**\*D2571\***

Saddle, Fwd Out 205

\*\*

JB

Location

Loc Qty

Loc Code

ST

1

11644

1

ST425

-13

ST432

23

80828

4

81764

12

82049

7

ST433

13

82049

D2572

Manufactured No

110

Each

20.0000

1

1

✓

**\*D2572\***

Saddle, Fwd In 205

\*\*

JB

Location

Loc Qty

Loc Code

ST432

20

71107

2

81765

12

82050

6

81765

D2573

Manufactured No

110

Each

10.0000

1

1

✓

**\*D2573\***

Saddle, Aft Out 205

\*\*

82048

JB

12/05/09

Location

Loc Qty

Loc Code

ST423

-12

79424

0

ST433

10

81221

10

ST434

12

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES						
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: D412-742-013

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Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

D2574

Manufactured No

110

Each

10.0000

1

1

✓

**\*D2574\***

Saddle, Aft In 205

\*\*

82368 JB

Location

Loc Qty

Loc Code

ST433

10

81220

10

D2876

Manufactured No

110

Each

69.0000

2

2

✓

**\*D2876\***

Saddle Spacer

\*\*

JB

Location

Loc Qty

Loc Code

ST020

69

79693

69

D2877

Manufactured No

110

Each

19.0000

2

2

✓

**\*D2877\***

Saddle Spacer

\*\*

79693  
82026 JB

Location

Loc Qty

Loc Code

ST020

19

78843

19

D3403-1

Manufactured No

110

Each

167.0000

8

8

✓

**\*D3403-1\***

Bushing

\*\*

JB 12/05/09

Location

Loc Qty

Loc Code

ST041

15

70696

15

ST042

152

80208

7

80219

44

81529

101

81529

W/O:		WORK ORDER CHANGES						
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**\*83155\***

Parent Item: D412-742-013

**\*D412-742-013\***

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

D3403-5  
Manufactured No  
**\*D3403-5\***  
Bushing

110 Each 150.0000 8 8 ✓  
\*\*

Location	Loc Qty	Loc Code
ST042	150	
79740	7	
80221	32	
81531	111	

*JB*

D2747  
Manufactured No  
**\*D2747\***  
Set Screw

110 Each 292.0000 4 4 ✓  
\*\*

Location	Loc Qty	Loc Code
ST017	292	
79520	92	
81877	200	

*JB*

D3533-1  
Manufactured No  
**\*D3533-1\***  
Set Screw

110 Each 66.0000 2 2 ✓  
\*\*

Location	Loc Qty	Loc Code
ST053	66	
80326	66	

*JB*

AN4C6A  
Purchased No  
**\*AN4C6A\***  
Bolt

110 Each 255.0000 16 16 ✓  
\*\*

Location	Loc Qty	Loc Code
FG	4	
103344	4	
ST356	251	
116704	2	
120423	200	
120521	49	

*JB 12/05/09*

*120423*

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W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 83155

\*83155\*

Parent Item: D412-742-013

\*D412-742-013\*

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

AN4C53A  
\*AN4C53A\*  
Bolt

Purchased No

110 Each 78.0000 4 4 ✓

\*\*

JB

Location

Loc Qty

Loc Code

ST361

78

121183

76

121184

2

121183

AN4C52A  
\*AN4C52A\*  
BOLT

Purchased No

110 Each 112.0000 4 4 ✓

\*\*

JB

Location

Loc Qty

Loc Code

ST361

112

117688

6

120364

76

120465

30

120465

AN6C12A  
\*AN6C12A\*  
BOLT

Purchased No

110 Each 102.0000 8 8 ✓

\*\*

JB

Location

Loc Qty

Loc Code

ST341

102

120423

2

121302

100

121302

D3672-3  
\*D3672-3\*  
Phenolic Washer

Manufactured No

110 Each 218.0000 32 32 ✓

\*\*

83238 JB 12/05/09

Location

Loc Qty

Loc Code

ST060

218

64176

172

81870

46

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W/O:			WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 83155

\*83155\*

Parent Item: D412-742-013

\*D412-742-013\*

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

AN960C416L NAS1149C0432R Purchased No

\*AN960C416I \*

WASHER

D3672-9 Manufactured No

\*D3672-9\*

Phenolic Washer

110 Each 0.0000 32 32 ✓

\*\*

117291 JB

110 Each 460.0000 8 8 ✓

\*\*

JB

Location

Loc Qty

Loc Code

ST060

460

81763

460

110 Each 135.0000 8

81763  
8 ✓

\*\*

JB

NAS1149C0632R Purchased No

\*NAS1149C0632R\*

WASHER

Location

Loc Qty

Loc Code

ST297

135

119736

2

120308

33

121060

100

110 Each 355.0000 8

121060  
8 ✓

\*\*

JB

12/05/09

D3672-11 Manufactured No

\*D3672-11\*

Phenolic Washer

Location

Loc Qty

Loc Code

ST060

355

77483

355

77483

W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 83155

**\*83155\***

Parent Item: D412-742-013

**\*D412-742-013\***

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

110

Each

1,679.000

29

29

✓

**\*MS21043-4\***

**\*\***

Nut

Location

Loc Qty

Loc Code

FG

40

104603

40

ST301

1639

119546

286

120308

353

121162

1000

12/162

D3591-1

Manufactured

No

110

Each

26.0000

2

2

**\*D3591-1\***

**\*\***

Bushing

Location

Loc Qty

Loc Code

FP

25

80377

25

ST055

1

57350

1

D3403-3

Manufactured

No

110

Each

103.0000

8

8

✓

**\*D3403-3\***

**\*\***

Bushing

Location

Loc Qty

Loc Code

ST042

103

80220

2

81530

101

81530

W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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\*D412-742-013\*

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

D3405-041

Manufactured No

110

Each

20.0000

1

1

\*D3405-041\*

Lug Assembly

\*\*

82032 JB

Location

Loc Qty

Loc Code

ST478

20

62227

2

77000

2

82031

16

D3405-043

Manufactured No

110

Each

15.0000

1

1

\*D3405-043\*

Lug Assembly

\*\*

82031 JB

Location

Loc Qty

Loc Code

ST478

15

82038

15

AN4C7A

Purchased No

110

Each

199.0000

4

4

\*AN4C7A\*

Bolt

\*\*

JB

Location

Loc Qty

Loc Code

ST356

199

109147

199

D3407-041

Manufactured No

110

Each

26.0000

1

1

\*D3407-041\*

Tow Ring

\*\*

109147  
82068 JB 12/05/09

Location

Loc Qty

Loc Code

ST463

26

82067

9

82108

17

W/O:		WORK ORDER CHANGES							
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

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Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

D3417-3 Manufactured No

110 Each

59.0000

2

2

\*\*

**\*D3417-3\***

Washer

Location

Loc Qty

Loc Code

FG

9

33519

9

ST042

50

80225

50

80225

D3456-1 Manufactured No

110 Each

116.0000

1

1

\*\*

**\*D3456-1\***

Washer

Location

Loc Qty

Loc Code

FG

7

25701

7

ST044

109

80252

9

81876

100

81876

AN3C37A Purchased No

110 Each

189.0000

1

1

\*\*

**\*AN3C37A\***

BOLT

Location

Loc Qty

Loc Code

ST354

189

116874

11

117010

2

120422

26

120731

50

121068

100

121584 JB

12/05/09

W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C40A Purchased No 110 Each 41.0000 1 1 ✓  
\*AN3C40A\*  
BOLT

\*\*

JB

Location	Loc Qty	Loc Code
ST354	41	
114442	41	

114442

AN3C41A Purchased No 110 Each 221.0000 1 1 ✓  
\*AN3C41A\*  
BOLT

\*\*

JB

Location	Loc Qty	Loc Code
FG	4	
103324	4	
ST354	217	
119673	50	
120753	30	
121013	50	
121067	7	
121313	80	

119673

AN3C42A Purchased No 110 Each 59.0000 1 1 ✓  
\*AN3C42A\*  
BOLT

\*\*

JB

12/05/09

Location	Loc Qty	Loc Code
ST354	59	
106176	1	
119673	8	
120464	25	
121103	25	

120464

W/O:		WORK ORDER CHANGES							
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

**NOTE:** Date & initial all entries



# Picklist Print

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Work Order ID: 83155

\*83155\*

Parent Item: D412-742-013

\*D412-742-013\*

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C43A Purchased No  
\*AN3C43A\*  
BOLT

110 Each 145.0000 4 4 ✓  
\*\*

Location	Loc Qty	Loc Code
ST354	145	
114455	2	
119673	1	
120364	42	
120465	100	

JB

120364

AN3C46A Purchased No  
\*AN3C46A\*  
BOLT

110 Each 110.0000 5 5 ✓  
\*\*

Location	Loc Qty	Loc Code
ST355	110	
103	50	
120447	60	

121585 JB

AN960C10L NAS1149C0332 Purchased No  
\*AN960C10I\*  
washer

110 Each 0.0000 26 26 ✓  
\*\*

121509 JB 12/05/09

W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE				By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 83155

**\*83155\***

Parent Item: D412-742-013

**\*D412-742-013\***

Parent Item Name: Float Skidtube Installation

Start Date: 13/04/2012

Required Date: 27/04/2012

Start Qty: 1.00

Required Qty: 1.00

MS21043-3

Purchased

No

110

Each

1,383.000

13

13

✓

**\*MS21043-3\***

**\*\***

*JB 12/05/09*

Nut

Location

Loc Qty

Loc Code

FG

72

103691

72

GA

184

120693

184

ST301

1127

118077

2

118614

83

118686

30

119758

20

121255

992

121255

W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries